

FIG. 1 is a block diagram of a computer system 100. The system 100 includes a central processing unit (CPU) 101, a monitor 109, a keyboard 105, a mouse 106, a hard drive 103, a floppy drive 102, a RAM 104, a laser printer 108, and a caliper 107. The CPU 101 is connected to the monitor 109, the keyboard 105, the mouse 106, the hard drive 103, the floppy drive 102, the RAM 104, and the laser printer 108. The caliper 107 is connected to the CPU 101.

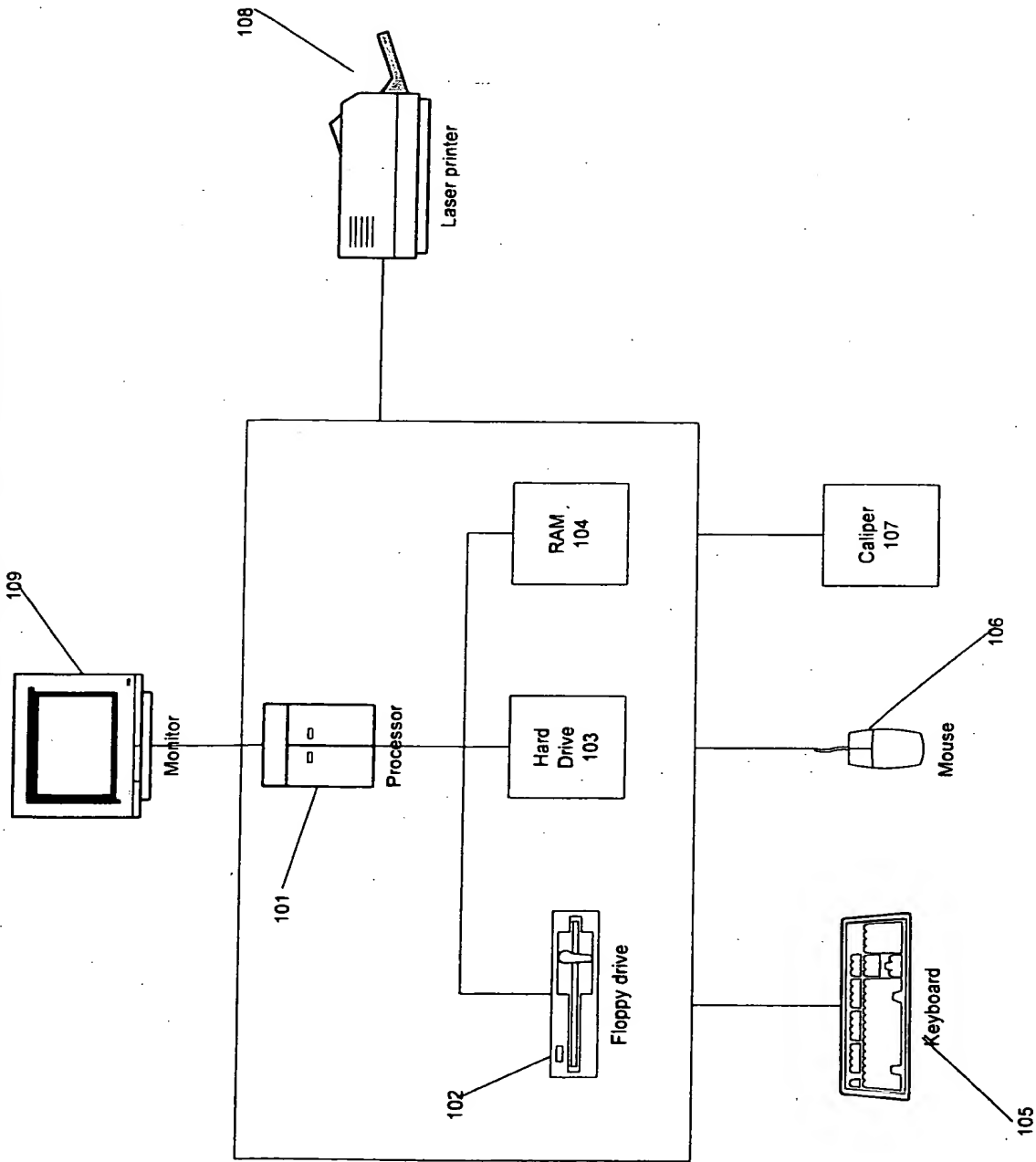


FIGURE 1

H.A.T.S. - Patient Information

Reset Caliper Color

Patient Name

Age Gender

Missing Teeth

Malformed Teeth

Doctor or Staff Performing Analysis

NOTE:
If a tooth is malformed or missing, it is recommended that a "zero" be entered into the analysis. The resulting correction necessary will indicate the size of the replacement tooth or teeth necessary to eliminate the discrepancy.

Figure 2A

H.A.T.S. - Patient Information

Reset Caliper Color

Pat

Age Gender

Miss

Malformed Teeth

Doctor or Staff Performing Analysis

NOTE:
If a tooth is malformed or missing, it is recommended that a "zero" be entered into the analysis. The resulting correction necessary will indicate the size of the replacement tooth or teeth necessary to eliminate the discrepancy.

Figure 2B

H.A.T.S.

Reset

Analysis Type

6 Tooth

12 Tooth

Input Tooth Sizes

Input Sums

Calculate

Print

UPPER

TOOTH	3	4	5	6	7	8	9	10	11	12	13	14
AVERAGE SIZE	10.40	6.84	7.04	7.91	6.96	8.82	8.82	6.96	7.91	7.04	6.84	10.40
MEASURED SIZE	0	0	0	7.88	5.52	8.72	8.74	5.56	7.86	0	0	0

LOWER

MEASURED SIZE	0	0	0	6.86	5.87	5.36	5.38	5.88	6.84	0	0	0
AVERAGE SIZE	11.14	7.27	7.15	6.93	5.94	5.42	5.42	5.94	6.93	7.15	7.27	11.14
TOOTH	6	5	4	3	2	1	1	2	3	4	5	6
	30	29	28	27	26	25	24	23	22	21	20	19

Total Anterior **Average** **Total Overall** **Average**

Upper Sum 44.28 47.38 0 95.94

Lower Sum 36.19 36.58 0 87.70

Back

Figure 2C

H.A.T.S. - Analysis Summary

Upper Sum 44.28 ~ 213

Lower Sum 36.19 ~ 214

Recommended Correction:

Increase upper tooth structure by 2.6 mm ~ 215

Reduce lower tooth structure by 2.01 mm ~ 216

GAC Patient Specific Arch Size: SMALL ~ 217

Figure 2D

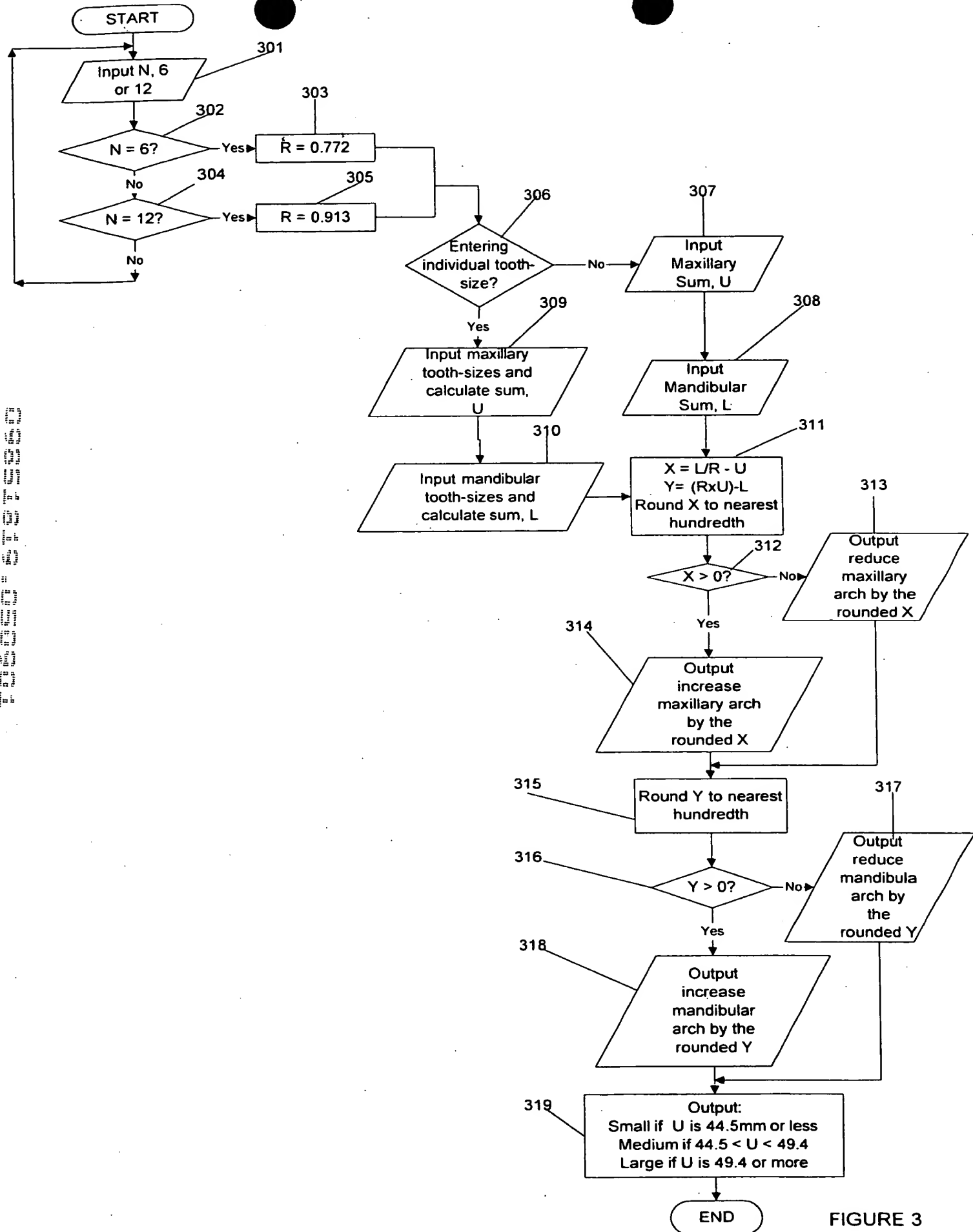
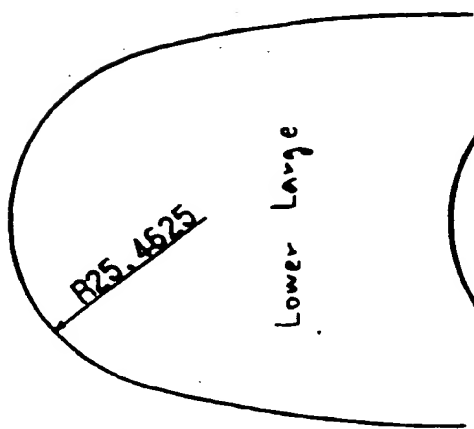


FIGURE 3

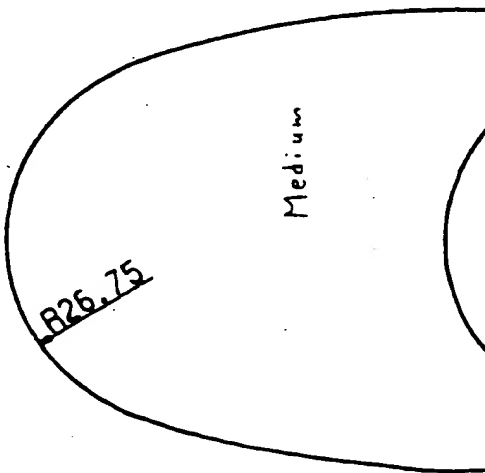
B28.0875

Upper Large

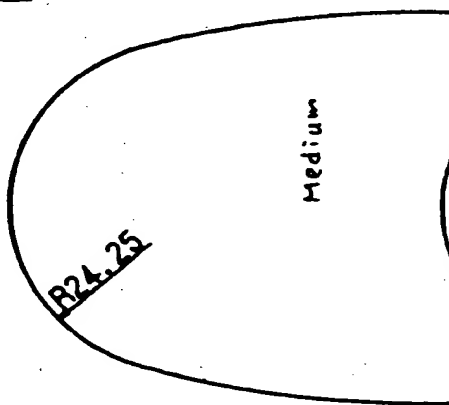
Upper Large



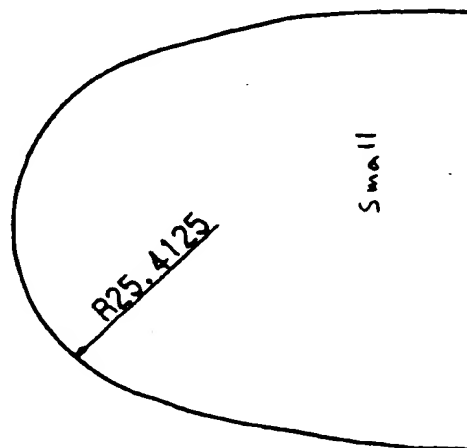
Lower Large



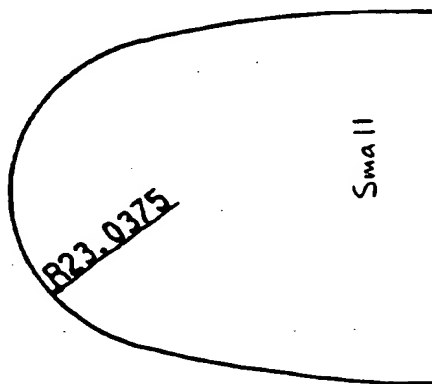
Medium



Medium



Small



Small

Figure 4